



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

Hisao MOROOKA et al.

Application No.: 10/500,934

Group Art Unit: 1753

Filed: July 8, 2004

Docket No.: 120312

For: PHOTOVOLTAIC ELEMENT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- ☒ 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 4. English language Abstracts of references 5, 6, and 8 are attached hereto.
- ☒ 5. Computer-generated English language translations of the following Japanese references have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 6 and 8.

Respectfully submitted,


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Date: April 11, 2005

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 120312		APPLICATION NO. 10/500,934	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Hisao MOROOKA et al.			
				FILING DATE July 8, 2004		GROUP 1753	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1.	5,981,864	11/09/1999	Masaki MIZUTANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2.	JP-A-58-078473	05/12/1983	JAPAN			
	3.	JP-A-58-092280	06/01/1983	JAPAN			
	4.	JP-A-58-092281	06/01/1983	JAPAN			
	5.	JP-A-02-111080 w/ abst.	04/24/1990	JAPAN			
	6.	JP-A-08-288529 w/ abst. & trans.	11/01/1996	JAPAN			
	7.	JP-A-59-119874	07/11/1984	JAPAN			
	8.	JP-A-2001-244488 w/ abst. & trans.	09/07/2001	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: April 11, 2005